

APPLICANT(S): GILREATH, Mark G. et al.
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AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1. (Currently Amended) A medical tool comprising a central body having an in vivo inserted end and a non inserted end, wherein at least one functional unit for performing an in vivo procedure, and at least one imaging unit are integrated in said central body at said in vivo inserted end, wherein said imaging unit comprises a single optical window, an image sensor and an illumination source, and wherein the image sensor and the illumination source are situated behind the single optical window.
2. (Currently Amended) The tool according to claim 1 wherein the non inserted end includes a controller, said controller functionally coupled to the functional element unit.
3. (Original) The tool according to claim 1, said tool including silicon, plastic or metal.
4. (Currently Amended) The tool according to claim 1 wherein the functional element unit comprises one or more elements selected from the group consisting of: graspers, blades, clamps, tissue collecting baskets, means for delivering treatment, stents, forceps, snares, hemostasis devices, dilatation balloons, catheters, sphincterotomes, guidwires, ~~and~~ suturing devices and any combination thereof.
5. (Cancelled)

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6. (Currently Cancelled)
7. (Original) The tool according to claim 6 wherein the illumination source is an LED.
8. (Original) The tool according to claim 1 comprising a transmitter.
9. (Original) The tool according to claim 8 wherein the transmitter is a wireless transmitter.
10. (Original) The tool according to claim 8 wherein the transmitter is an RF transmitter.
11. (Previously Amended) The tool according to claim 1 comprising a channel, wherein said channel passes through at least the central body.
12. (Cancelled)
13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Cancelled)
17. (Cancelled)
18. (Currently Amended) A system for performing in vivo procedures, said system comprising:

 a tool according to claim 8 ~~device comprising a central body having an in vivo inserted end and a non inserted end, said in vivo inserted end integrating at least one functional element and at least one sensing unit;~~

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~~a transmitter in communication with the in vivo sensor; and~~
a receiver comprising a recording mechanism.

19. (Original) The system according to claim 18 comprising a monitor in communication with the receiver for displaying in vivo information.
20. (Original) The system according to claim 18 comprising a processor for processing in vivo information.
21. (Previously Presented) The tool according to claim 1, wherein at least said functional unit and said imaging unit are for single use.
22. (Currently Amended) The tool according to claim 1, wherein said imaging unit comprises an optical system positioned behind ~~[[an]]~~ the single optical window.
23. (Previously Presented) The tool according to claim 1, wherein said tool comprises a battery.
24. (Currently Cancelled)